

REPORT NO. [REDACTED]

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INFORMATION REPORT

CD NO.

25X1A

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COUNTRY Germany (Russian Zone) DATE DISTR. 9 June 1952
SUBJECT Shortages and Bottlenecks Affecting Production NO. OF PAGES 2
of Aerial Training Device A-1 at Zeiss-Jena

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1. The following information concerning various raw material shortages and bottlenecks at Zeiss-Jena was extracted from a letter from Zeiss-Jena to DIA Feinmechanik-O-tik, dated 28 February 1952, regarding the current Soviet order for 75 A-1 devices, Import Order Number FO 9224/12 E-51 of 8 December 1951. **

- a. Agfa-Wolfer will deliver needed "Reilit" projection screens only if Zeiss-Jena furnishes the four or five tons of methylene chloride necessary to manufacture the screens. DIA is requested to procure the methylene chloride.
- b. An adhesive substance is required to stick rubber to metal. Formerly, "Tirokai," a product of the Terakon* firm in Heidelberg, was used. Zeiss is now trying to arrange for production of a similar adhesive in the DDR.
- c. There has been difficulty in procuring steel pipe of the following dimensions:

32 x 6/135 kg.
25 x 3/260 kg.
25 x 2.5/50 kg.
30 x 2/150 kg.

DIA may be asked to help obtain the pipe.

- d. Asbestos sheeting of the following specifications is needed:

0.25 kg. with a thickness of 0.2 mm.
0.1 kg. with a thickness of 0.5 mm.

If current attempts to find a substitute material should prove fruitless, DIA will be asked to import the sheets.

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- e. Eight kilograms of 3 x 0.35 mm. spring band steel are needed. If Zeiss is unable to find a firm willing to satisfy this need, DIA will be asked to help.
- f. Zeiss requires 70 kilograms of machine tool steel T, 5 mm. in diameter. This steel is used in the student's seat in the device. DIA may be asked to help.
- g. Zeiss is no longer able to obtain "Makneisen", which was formerly supplied by Ernst Böllmann "Elektro- und Auto Grossvertrieb", Dresden***. DIA may have to call Zeiss here also.
- h. Eight thousand ball bearings are required for A-1 devices. It has been especially difficult to procure high accuracy ball bearings 714 and 716 and oblique bearings ("Kraepelager" 6205 DIN 625).
- i. At present, 100 throat microphones are needed. If attempts to obtain them are not successful, DIA may be called upon to import the microphones.
- j. The wire potentiometers used in the A-1 device were formerly obtained from Lorenz-Porzellan AG, Selb**** and the Moebes firm in Berlin, both Western firms. The IFT Trajowil-Werk, Teltow, is now attempting to produce the necessary potentiometers. The West Berlin government has refused to permit export of these instruments from West Germany.
- k. Toggle switches, which were formerly obtained from the J. & J. Lippardt firm, Mietohol in the Schwarzwald, are to be produced now by the IFT Elektroinstallations, Werk II, Condenshausen (formerly Brunnquell Fabrik fuer elektro - & Installationsmaterial).
- l. The RFT Kondensatorenwerk, Gera, is supposed to supply Zeiss with 500 condensers 2 MF/700 volts (type B, according to DIN-41 143). Supplies of 7 mm aluminum foil are at present arriving on schedule, but a stoppage of deliveries of the foil would necessitate DIA assistance.
- m. On 24 March 1952, Zeiss officials discussed with (fmu) Kochlin and (fmu) Daftyan, of the Soviet Trade Delegation in Berlin, the Soviet request for 200 copies of the Zeiss manual on the A-1. Zeiss is reluctant to accept the order because of the bulk of the books. The manual consists of the following four parts:
 - a. technical description of the device
 - b. instructions for repair
 - c. testing journal
 - d. photographs and sketches of the device

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~~CONFIDENTIAL~~ CC: ME: Perhaps the FEDERALMILITÄR, Ulrich Löse, in Heidelberg is meant.

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~~CONFIDENTIAL~~ for other information on the order for 19 A-1 devices.

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~~CONFIDENTIAL~~ Comment: Listed in 1950 Dresden telephone directory as Ernst Böllmann Elektro-Großhdg.

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~~CONFIDENTIAL~~ Comment: Listed in 1949 ABC der Deutschen Wirtschaft as Rosenthal-Isolatoren GmbH.~~CONFIDENTIAL~~

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